

MATERIAL SAFETY DATA SHEET



Step 2 Weed Control plus Fertilizer 32-4-3

23614-3

The Scotts Company
14111 Scottslawn Road
Marysville, Ohio 43041

In Case of Emergency call:
CHEMTREC 1-800-424-9300
International Emergency Telephone Number:
1-202-483-7616 (USA)
For non-Emergency calls:
1-513-644-0011(USA)

I. MATERIAL IDENTIFICATION

Product Name: Scotts® Step 2 Weed Control plus Fertilizer
Analysis: 32-4-3
Stock Number: 23614-3
EPA Reg. Number: 538-175

NFPA Hazard Ratings		
Health	2	0 Least
Flammability	0	1 Slight
Reactivity	1	2 Moderate
		3 High
		4 Severe

II. HAZARDOUS INGREDIENTS

MATERIAL	CAS #	OSHA PEL	ACGIH TLV
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	10mg/m3 TWA	10mg/m3 TWA
2-(2-Methyl-4-chlorophenoxy)propionic acid (MCPP)	93-65-2	None	None
3,6-Dichloro-anisic acid (Dicamba)	1918-00-9	None	None
Urea	57-13-6	None	None
Monoammonium Phosphate	7722-76-1	None	None
Potassium Chloride	7447-40-7	None	None
Sulfur	7704-34-9	None	None

III. FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes holding eyelids open. Get medical attention if irritation persists.
Ingestion: Give milk and demulcents. Induce vomiting or gastric lavage if large amounts ingested. A cathartic may be given.
Skin: Wash thoroughly. If irritation persists, get medical attention.

IV. HEALTH HAZARD INFORMATION

Summary of Risks:

Possible nausea, blood clotting changes, muscle twitchings, cardiac arrhythmias, vomiting, and diarrhea. Severe poisonings include coma, convulsions, hyporeflexia, myotonia, urinary incontinence, fall in blood pressure.

Primary Entry Route(s): Ingestion.
Acute Effects: Causes eye injury. Avoid contact with eyes, skin, or clothing.
May be harmful if swallowed.

Medical conditions which may be aggravated by contact:

Inhalation of dust may aggravate asthma.

Ingredients Listed as a Carcinogen:

IARC Monographs: No
NTP: No
OSHA: No

V. PERSONAL PROTECTION AND PRECAUTIONS

Eye Contact: Protective eyewear not required under normal use conditions. User should avoid eye contact.

Gloves: Gloves are not required under normal use conditions. Wash thoroughly with soap and water after using this product. Use rubber gloves if skin contact is potentially great.

Respiratory: Dust respirator if potential inhalatory exposure is great.

Other: When using this product, wear long sleeved shirt, long pants, socks and shoes.

After using this product, remove clothing and launder separately before reuse.

VI. PHYSICAL HAZARD INFORMATION**Fire and Explosion**

Flash Point (Test Method): N/A

Flammable Limits (% in Air): N/A

Auto Ignition Temperature: N/A

Extinguishing Media: Dry chemical, water, foam and CO₂.

Physical Properties

Appearance: Granular

Melting Point: N/A

Boiling Point: N/A

Solubility in H₂O: N/A

Specific Gravity: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Do not apply when weather conditions favor drift from target area. Drift or run-off may adversely affect non-target plants. Do not allow people (other than the applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled.

Hazardous Decomposition Products: Urea and methylene urea nitrogen sources can generate ammonia in a fire. Also toxic oxides of nitrogen, phosphorous, chlorine, sulfur and potassium may form.

Chemical Incompatibilities: None known.

Unusual Fire, Explosion and Reactivity Hazards: Urea and methylene urea nitrogen sources can generate ammonia in a fire. Also toxic oxides of nitrogen, phosphorus, chlorine, sulfur, and potassium may form.

In Case of Fire: Use self-contained air supply.

VII. REGULATORY INFORMATION

DOT Classification: Not classified as hazardous. RQ of 2,4-D = 100 lbs.

VIII. STORAGE AND SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage:**

See label. Avoid bag breakage. Keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing. Wash after handling. Keep out of reach of children. Keep out of lakes, streams, or ponds. Do not store near fertilizers, seeds, insecticides, or fungicides.

In case of spills:

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste management/disposal:

Pesticide disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container disposal: Do not reuse bag. Discard bag in trash.

Revised: 1/25/96

Date Issued: 1/16/96

The information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.